

compare the first protection domain value with a second protection domain value of a  
send work queue which initiated the request;  
allow access if the first protection domain value matches the second protection  
domain value; and  
deny access if the first protection domain value does not match the second protection  
domain value.

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39. (New) The system as recited in claim ~~39~~<sup>38</sup>, wherein in response to allowing access, the first  
node is further configured to utilize a physical address included within the first entry of the  
memory region table to access the memory.

40. (New) The system as recited in claim 39, wherein the second entry of the memory region  
table includes a second protection domain value, and wherein the first node is further  
configured to:

compare the second protection domain value with a third protection domain value of a  
send work queue which initiated the request;  
allow access if the second protection domain value matches the third protection  
domain value; and  
deny access if the second protection domain value does not match the third protection  
domain value;  
wherein in response to allowing access, the first node is further configured to utilize a  
physical address included within the second entry of the memory region table  
to access the memory.

41. (New) The system as recited in claim 40, wherein the memory region table and the  
memory window table reside on one or more modules external to and in communication with  
an operating system.

42. (New) The system as recited in claim 40, wherein an entry of the memory window  
table comprises: